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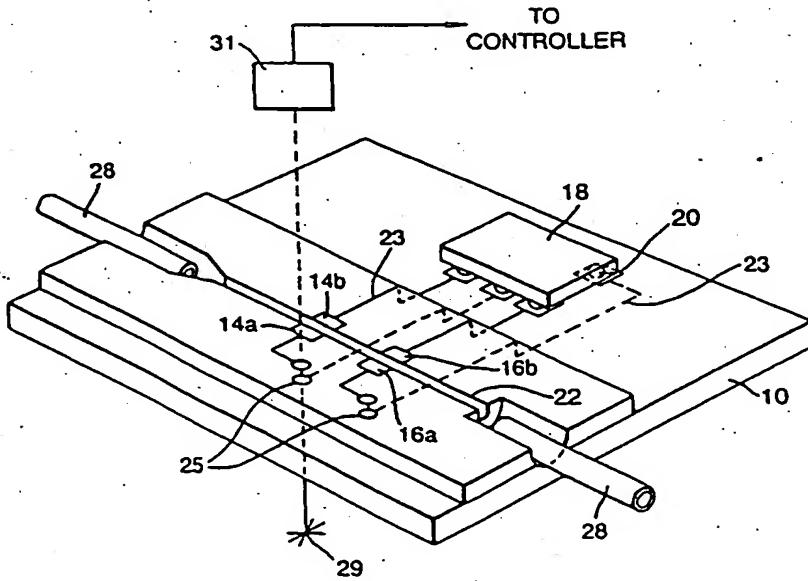
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(54) Title: APPARATUS FOR, AND METHOD OF, INTRODUCING A SUBSTANCE INTO AN OBJECT



(57) Abstract

The invention relates to an apparatus for and method of introducing a substance into an object, particularly into a cell or cellular material. In a preferred arrangement apparatus receives the cell and preferably locates it between first and second electrodes and applies a voltage pulse to cause a disruption in the cell wall. This causes the cell to become permeable. The substance may then be introduced, for example under a fluid pressure. Cells may then be inspected and sorted into transfected and non-transfected types. This may be achieved automatically, for example by using electrophoresis.